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PATENT
Attorney Docket No.: 022101-002000US
Client Ref. No.: 19003-US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On September 15, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Stephanie J. Whitehurst

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Waltraud Ankenbauer, et al.

Application No.: 09/856,850

Filed: September 19, 2001

For: THERMOSTABLE ENZYME
PROMOTING THE FIDELITY OF
THERMOSTABLE DNA
POLYMERASES - FOR
IMPROVEMENT OF NUCLEIC ACID
SYNTHESIS AND AMPLIFICATION IN
VITRO

Customer No.: 20350

Confirmation No. 4731

Examiner: Kim, Young J.

Technology Center/Art Unit: 1637

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed June 15, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	Application Number	09/856,850
	Filing Date	September 19, 2001
	First Named Inventor	ANKENBAUER, Waltraud
	Art Unit	1637
	Examiner Name	Kim, Young J.
Attorney Docket Number		022101-002000US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP	Reg. No. 34,774
	Kevin Bastian	
Signature		
Date	September 15, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Stephanie A. Whitehurst		
Signature		Date	September 15, 2004